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## Local Items.

Swandale White Rye whisky, at Chas. Holborn's.

Mr. Jesse Mayhew, of the Half Way House, was in town Monday.

Mr. Ed. Ayers has purchased the Tunnel saloon of Mr. J. M. Hammels.

Mr. Thomas Muldoon was one of the visitors from the Mammoth last week.

Mr. C. W. Culver, wife and son, were in Florence last Saturday and Sunday.

Mr. R. C. Brown, of the ENTERPRISE reached home to-day from California.

The family of Mr. Ed. Ayers arrived by the Casa Grande stage on Tuesday.

Mr. Alex Bird of American Flag, visited Florence during the court session.

Mr. C. M. Marshall made a quick run up from Casa Grande and back this week.

Hon. P. B. Brady returned from a visit of two weeks to Tucson, last Monday.

Turkeys are roosting high this year and won't come down by coaxing, worth a snap.

Havana Cigars, twenty-five in a box; suitable for Holiday presents, at Chas. Holborn's.

The Governor's revocation of his quarantine proclamation appears in to-day's ENTERPRISE.

The shortest days of the year occurred during the present week and they are now growing longer.

Wood has been in firm demand this week and prices have advanced a little above the ruling rates.

A few wild geese are brought in among the many ducks by sportsmen. They are in prime condition just now.

A Tucson gentleman arrived a day or two ago to examine the prospects for a first class bakery in Florence.

Mr. G. A. Newton, of Globe, has opened a jeweler's establishment in J. M. Ochoa's store, for a short season.

The Southern Pacific railroad company paid its taxes in Pinal county just in season to escape the delinquent penalty.

Mr. Morris Davis presented the ENTERPRISE publishers with a fine mess of his last crop of new potatoes that were dug last Saturday.

Kelly's Island, Ohio. Sweet Catawba, at Chas. Holborn's.

Col. A. E. Pitkin, formerly of Tucson, passed through Florence last Saturday for the Regent camp, where he has accepted a position.

The Express company and the U. S. mails are filled with souvenirs of affection on their way to gladden the hearts of some dear friend or relative.

The grand ball at the court house next Monday night will be a very fine affair, and a general attendance is desired. The Tempe band will furnish the music.

Mr. W. Wood Porter took Bud Dozier under a six years sentence, and Robert Dunn, who was brought up for witness, to the Yuma penitentiary last Sunday.

Mr. W. J. Bley is building himself a neat frame cottage, near the school house. It will contain four rooms and is the first frame-house erected in the town of Florence.

Merritts, New York Cider, by the bottle, at Chas. Holborn's.

Mr. Eugene A. Brown, son of Mr. and Mrs. Geo. W. Brown, returned on Thursday from a six months' visit to California, and will spend the winter at home.

The amount of Christmas goods that have come to Florence indicates that the little folks will be well remembered by St. Nicholas in his nocturnal journey after they go to sleep to-night.

The first consignment of 100 tons of coke for the Old Globe company is expected to reach Wilcox sometime during the present month. Copper mines must now make their little surplus.

Mr. C. D. Montgomery came over from Phoenix last week and paid the taxes of the Maricopa and Phoenix railroad company. Mr. Montgomery is a pleasant gentleman whom it is a pleasure to meet.

Atlanta, Georgia, Peach Brandy, at Chas. Holborn's.

Mr. Geo. W. Saunders, of Tucson, arrived on Monday to remodel the flouring mill of Hon. P. B. Brady. He will likely remain here for several weeks. He is not only a very pleasant gentleman, but is one of the best millwrights in the west.

The new time table of the Southern Pacific railway which went into effect on Wednesday, will bring the California passengers to Casa Grande at about 9 o'clock in the evening, if the schedule time is observed.

Choice Liquors, of all kinds, at Chas. Holborn's.

There have been examinations held in all the public school classes this week, closing with a very elaborate entertainment yesterday afternoon, in which the scholars all acquitted themselves with great credit.

The cold wave foretold by the signal office at Washington, as coming down from Nebraska, Kansas and Colorado on Monday and Tuesday, struck this neck of woods during Tuesday night and on Wednesday morning ice was formed in a few exposed places. A strong north wind kept up during the day and heavy snow clouds passed unfruitfully over head. It was one of the delightful eastern blizzards in miniature sent like a Christmas toy by Santa Claus, for fun.

"Eighty days around the world." Export Sour Mash Whisky, at Chas. Holborn's.

The Mineral Creek section of the mining region to the east of Florence is destined to become a very productive portion of Pinal county. Large bodies of fine carbonate and iron ore have been developed, lying in a limestone formation, and the lead and silver output of that district looks like one of the most promising of future events. Messrs. D. W. McCallen, Thomas Hayley, William Sufferin and John Hora are the fortunate owners of many really meritorious claims on Mineral Creek.

## Wedding Bells.

One of the most pleasant social events of the season was the marriage of one Pinal's most popular and entertaining young man, Wm. Stuffy, to Miss Nellie B. Rutledge, daughter of Mr. and Mrs. J. B. Rutledge, on Wednesday evening of last week, at the residence of the bride's parents. The ceremony was performed at 7 o'clock in the evening, by Rev. D. B. Battin, in the presence of a large assemblage of relatives and friends. Mr. M. G. Ringling acted as best man and Miss Cora Elder was the bridesmaid. At the conclusion of the ceremony a sumptuous repast was enjoyed by all in the large dining hall where plates were laid for supper, and the table fairly groined with the good things of life. After supper dancing was indulged in till one o'clock when one and all bade the happy groom and his charming bride a pleasant journey down the path of life.

The wedding presents were as follows: Groom to bride, set of jewelry, M. G. Ringling and A. G. Williams, clock; Mr. and Mrs. J. D. Arnett, set of silver spoons; J. D. McDowell, set of silver forks; R. H. Chamberlain, Wm. Rouse and W. Shanley, dressing case; Chris Peterson, perfume stand; Mr. and Mrs. J. H. Marshall, whisk broom and holder; Mr. John Bailey, lamp and set of sauce dishes; John Humphrey, work box; John Loeckie, album; Miss Cora Elder, whisk broom and holder; Mr. and Mrs. Wm. Arnett, mirror; Mrs. W. W. McCulley, fruit dish; Mr. and Mrs. Buchanan, ink well; Mr. F. White, pair cactus napkin rings; Mrs. Jessie Brown, table cloth; Mr. and Mrs. John Woodlums, bed spread; Mr. and Mrs. Willman, table cover, napkins, salt and pepper boxes; Mr. and Mrs. Eckert, set of goblets and cheese dish; Bride's father, handkerchiefs; Bride's mother and Mrs. Martin, wash bowl, pitcher and soap dish; Wm. Harter, half dozen bouquets; Mrs. Mary Woodlums, cypress pitcher; Mr. and Mrs. Morrell, writing box.

## The Poor Apaches.

MAMMOTH, A. T., Dec. 12 1887

EDITOR ENTERPRISE: Please give me space for a short chapter on Uncle Sam's pets, the special department of Eskimuzin and his interesting little band. "Eastern papers please copy." That they have been, and are, wronged constantly and deliberately, appears in the white settlers up and down this river have no consideration for them. For instance, the whites with their usual unpoetic thoughts for the morrow, provide themselves with a goodly amount of cattle and horses, among which are some very fine ones; and these delightful children of the D—prairies, with instinctive discrimination, that should be applauded, select their beef from the very finest stock. They know it is the best and the settlers are selfish mean enough to make a fuss about it once in a while. True, they don't mind until they have seen, I was about to say—robbed—Uncle Sam, relieved of their surplus fine stock several times. Now this is unquestionably wrong and wholly at variance with advanced civilization. Notice the nicety of taste by which they distinguish the fine stock from the "scrub." For my part I don't see how the cattle men can be so mean and stingy.

The Indian don't steal, he simply appropriates. He is broad in his views of God's possessions and his liberality, and if the white man will be mean enough to labor for the "gold that perishes" while he sits in the shade and eats lice, why, whose fault is it?

Why can't the San Pedro people emulate Gen. Howard and the rest of that "natural admiration society" and appreciate the lovely Apache at his true worth? Shall I tell you why? The San Pedro people and the settlers of Arizona generally, know them as they are. Those big philanthropists know nothing about them, nor care to. I liked to have said, but this would not be true of course. Gen. Howard and the rest are making every effort in their power to understand and sympathize with the average Arizonian has no knowledge in about 5,000 years. A long vista for the settlers, isn't it? unless they should at some moment of outrage and consequent excitement take the matter into their own hands and abbreviate the period.

I hope they never will do this because bloodshed would mean extermination of the Indians, and extermination of the Indians would mean abolition of the Indian Bureau, and abolition of the Indian Bureau would mean extinction of the Military out of the "frontier." Officers and all. So you see my deductions up to this point make a very shaky "house that Jack built," and I haven't arrived at the climax yet. It is this: The Indian business just as it makes a very reliable safety valve for the bottled up benevolence of the whole East.

I will write again. I know you will be glad to hear me when I tell you that I will write some nice little anecdotes of "Skin" and his people that will make the story of "Rip Van Winkle" seem very tame.

MRS. G. W. CLIFFORD

## District Court.

ANNOUNCED OCTOBER TERM

THURSDAY, December 15.

Present Hon. W. H. Barnes, Judge of the District Court of the First Judicial district; R. E. Sloan, District Attorney; Hinson Thomas, Under Sheriff and W. Wood Porter, Clerk.

Territory vs. Bud Dozier, Jury trial; case partially heard.

FRIDAY, Dec. 16th.

Territory vs. Bud Dozier—Verdict of guilty in manner and form as charged in the indictment; argument on defendant's motion for new trial set for to-morrow.

Territory vs. James Brash—Motion for change of venue overruled and trial proceeded—Jury empaneled.

SATURDAY, Dec. 17th.

Territory vs. James Brash—Verdict of not guilty, Defendant was released from custody.

Territory vs. Bud Dozier—convicted of assault with intent to commit murder—Sentenced to six years in the penitentiary.

Frank Souza vs. L. L. Smith—Motion heretofore entered to set aside judgment overruled.

W. L. Pinney, court stenographer, allowed \$40 for services.

Antonio Gonzalez allowed \$10 for services as interpreter.

D. D. Baker, a witness held by order of the court to testify in the case of Territory vs. Bud Dozier and James Brash, was released from custody.

Court adjourned.

A Good Bargain.

A pair of splendid gold scales of 300 ozs., capacity, that originally cost \$550, will be sold cheap for cash. For particulars apply at this office.

## The Mammoth.

The reporter had the pleasure of meeting Mr. R. Rowland, of the Mammoth hotel, yesterday evening at the Cosmopolitan hotel, and attempted to apply the reporter's pump for mining news. Mr. Rowland, as superintendent of the entire operations now going on at these mines, represents the expert, Mr. Thomas Price, who is making a thorough examination of this property preparatory to making a full test as to its real and prospective value for mining and milling.

Mr. Rowland expressed himself to be unwilling to enter into details of the work now being carried on at the Mammoth and in that vicinity, because he feared that he would say might be misunderstood and enlarged upon to his personal embarrassment and prejudicial to the interests he represents. His experience with reporters in the past had taught him to talk to them guardedly. However, in a general way he expressed himself as highly pleased with the work being done, and felt quite certain that the test would prove the Mammoth to be a good mine, and the owners would realize their expectations concerning the property.

Mr. Rowland employed several miners in Tucson, who left for the mines yesterday, and he will employ several more before he returns provided he can find desirable men. In this connection, he informed us that good labor and industrious miners can at most any time secure employment at good wages at the Mammoth or in the vicinity.—Star.

## Hotel Arrivals.

The following are among recent arrivals at the Florence Hotel.

Al Macy, Mr. Mayhew, Pinal; H Hopt, Casa Grande; Geo McNeil, Silver King; Ed Ayers, California; Frank Brown, Dudleyville; J. J. Collins, J. C. Collins, American Flag; W. W. Wagon, San Francisco; A. E. Pitkin, Tucson; H. Sedgman, San Francisco; Mr. Turner, Mammoth; John Dunn, Owl Heads; C. W. Culver, Mrs. C. W. Culver, Clark Culver, Pinal; C. M. Marshall, Casa Grande; Jesse Mayhew, Half-way house; Alex Bird, American Flag; A. McKenzie, Silver King; Y. Spinas, Tortillas G. A. Newton, Globe; A. Smith, Casa Grande, Harry Barnhart, Dudleyville; Jack Green, Butte; E. Moutthrop, Pinal; B. Dunn, New York; M. Stanton, Tonto Basin; W. Y. Price, Repressa Ranch; Charles Walton, Mammoth; C. E. Morrison, Tombstone; Wm. Sparks, Casa Grande; Chas. Murray, Pinal.

Never before has any Florence establishment been so completely filled with choice Christmas goods of every kind and variety than that of J. D. Rittenhouse is to-day. A big stock was received but a few days ago and it will be sold to clear the shelves, regardless of cost. One can obtain almost any article at a surprisingly low price. There are dolls, dressed and undressed, musical toys, tricycles, express wagons and wheelbarrows, tool chests, balls and footballs, balloons, an endless variety of fancy tin toys suitable for every age from the cradle on; beautiful gifts of new designs for the older ones; and, in fact, a full line of seasonable goods. Then, too, the dry and fancy goods department, with its incomparable stock of choice goods of every conceivable kind, affords the purchaser an opportunity to select the more useful as well as ornamental articles for those who prize utility above mere pleasing exterior. In every department the want of Christmas time have been carefully provided for and nothing is needed to complete the stock that Santa Claus wants. Call in and see the goods and learn the prices.

This has not been a week of local news in Florence and nothing of import has transpired to break the even monotony of a peaceful town. The air of visible mystery pervading the business transactions of the people would imply, if anything were needed, that compact with Santa Claus were being entered into, and it's nobody's business, before Christmas, what's going on. With such a prevailing sentiment the news-gatherer finds a general disinclination on the part of the people to "give away" anything until the merry hour arrives, whether or not the newspaper columns are thereby made to closely resemble some of the poor little stockings that will not be strained with good things to night.

Formerly a great quantity of placer gold was taken from the district of the Pinal and Ehrenberg in Arizona, in the Colorado river. There is no mistaking the richness of these diggings, but the scarcity of water renders the working of them almost an impossibility, and various plans have been adopted to supply water, but as yet without success. Mr. J. H. Burger has just returned from that district and has five or six nuggets worth \$40, and some finer gold worth \$65. Two thirds of the district have not been touched, because water can not be had. If a company could hoist water from the Colorado and pipe it over the district success would be certain.—Phoenix Herald.

Sup. Barnhart met, with quite an accident while coming down from the Sample mine on Monday. The king-bolt worked out of the backboard stage when about two miles from Florence, and while the team made excellent time with the front wheels to town, the abrupt stoppage of the remainder of the vehicle sent the driver and Mr. Barnhart nosing into the grass roots. The nose, mouth and chin of the latter gentleman were considerably bruised, and he remained over a day for repair, before proceeding to Tucson.

Indian Depredations.

All persons who have claims against the government for losses sustained through Indian depredations in Arizona and New Mexico will find it to their interest to communicate immediately with the undersigned in regards to the same, if they desire to take advantage of the laws lately passed by Congress to reimburse all parties who have suffered such losses. Wm. O. O'NEIL, Attorney-at-Law, Prescott, Arizona.

It is currently reported that operations are to be resumed on two of the most valuable silver mines in Globe District, which formerly were our largest producers, and yet considered, by miners competent to judge, the most promising silver mines in this section. Their development, together with the operation of the Old Globe copper mine, would make this the most prosperous camp in the Territory.—Silver Belt.

Sale for Sale.

Having received a new, large safe, the estate of J. D. Rittenhouse will sell the one previously in use at a low price. It is one of the Half's Safe and Lock Company's make and is in good condition.

For Sale

One (1) 26 in Heating Stove with pipe. Enquire at Chas. Holborn's.

## Baron Reavis.

A word or two as to our beto noir J. Addison. He is maintaining an obscure establishment in the city, and is making the strength of his fight before the interior department, represented by Messrs. Freeman & Miney, attorneys. He has evidently abandoned the idea (if he ever entertained it) of going to congress for recognition or confirmation. He seeks by prosecuting an appeal from Surveyor General Hise's refusal to survey the land, to obtain an order regarding a preliminary survey, hoping therefore to get the same withdrawn from market, pending investigation, which he would be in no hurry to have made. The present officials in the land office are solid against his frauds and schemes, but suggest that the settlers get in a protest against segregation, exposing the fraudulent character of claim and claimants, so that the future commissioner and secretary will have the fraud question permanently and closely before them.—Times, H. McMullen, in Phoenix Herald.

A new invoice of Christmas goods, big stock, just received at J. D. Rittenhouse's.

Dry and Fancy Goods, of the most beautiful designs and new styles.

Hats and Caps for everybody and a fine lot of Derbys.

Boots and Shoes, an immense stock. The best ladies' shoes ever brought to Arizona, and the cheapest.

Call and examine the Holiday Goods.

J. D. Rittenhouse.

The taxpayers came up pretty generally during the last few days allowed them and out of a total of \$48,662.80, territorial and county taxes, there will be delinquents not more than \$6,500. This is a splendid result and shows that the tax collector has been thoroughly alive to the interests of the county in the performance of his duties. The school tax of District No. 1, will show about \$275 delinquent, out of a total of \$2,172. The \$1600 in poll taxes collected all goes to swell the school fund.

Lieutenant Frank De W. Ramsey, 9th Infantry, and Miss L. Carlotta Zulich, daughter of our worthy Governor, Hon. C. Meyer Zulick, are engaged to be married, January 4, 1888, at Easton, Pennsylvania, where her father and mother were married 20 years ago. The young people are well known and highly respected in Arizona, and Arizonians wish them well on the occasion of their new departure.—Courier.

Jules Mumm & Co's. Grand Sec. Champagne, at Chas. Holborn's.

## Sole Agents for Pinal Co.

Of Nitro Safety Powder Company. No. 1 & 2 Giant Powder, Caps and Fuse always on hand. Mining Superintendents and others will find it to their advantage to give us their orders. J. D. Rittenhouse.

## The Lucky One Found by Mrs. J. M. Mason.

She picked up her Argus-Ledger and noted that ticket 71,411 of the last drawing of the Louisiana State Lottery had drawn the prize of \$15,000. It struck her that her ticket was somewhere near that number. She was nearly tickled to death to find that it was 71,411. She had only put \$1 in as a joke more than anything else and she has decided that joking pays.—Sioux Falls, (Dak.) Argus-Leader, Nov. 15.

The Tucson, Globe & Northern people hope to commence active operations shortly after the first of the year. There has been some unavoidable delay in forwarding papers to the east, but recent telegrams from there state that everything will be arranged in a very short time. The officers of the company here, believe they will reach the San Pedro river and be ready for business within three months after commencing work.—Star.

## Rooted Grapes.

Three thousand grape roots for sale cheap; also a lot of ornamental trees and a limited number of Geraniums in pots.

S. B. Remy.

Florence, Dec. 5th, 1887.

## ESSAY ON LIGHTNING.

A Dissertation in Which Allusions to Set-off are Carefully Avoided.

Lightning is considered by scribblers to be one of the most difficult things to write on, from the fact that it won't hold still long enough.

It belongs to the genus Eli, since it is so very likely to get there, or come near it. When it starts to go anywhere it does not pause along the road anywhere to play marbles or take a nap in the fence corner, and, if it gets loose and ever so small a start of you, it is almost useless for you to start after it to catch it. Quick is a word of too many letters for it, and space and time are not in its bright lexicon. We see the flash before we hear the thunder, though it is the latter that makes us jump. If the lightning ever hits you squarely it is hardly worth your while to wait to hear the thunder. Lightning generally comes in a bolt, but just how many yards there are in a bolt has never been accurately measured, and it is one of the greatest things to bolt in the known world, but it can not be bolted down. You observe those red streaks issuing from yonder cloud. Well, if you would lay your hand on one of them and try to feel how slick it was, you would find that it would be too hot to mention leisurely.

Some people are not afraid of lightning, but we always step aside and let it pass, without ever trying to hinder it. That is the best way. It is said that it never strikes a man twice in the same place, but we don't see how it should have any need to. You should never get struck by lightning, but if you should be, never strike back. Some men who are struck never say anything about it, and never grow and come around mad.

Dr. Franklin was the first man who put salt on its tail and got it into a bottle, and securely corked it, though now-a-days it is the fellow outside of the bottle who gets corked. Prof. Morse taught it to walk on the slack wire and do various tricks; but there is a great deal of lightning lying around loose yet. Lightning goes for conductors, but we never hear of any street car conductors getting struck by it.

Scientists say that lightning is electricity, and that electricity is lightning, which is about as close to it as they can come without getting hurt. It is hard for them to bolt it down and precipitate it to find out the ingredients, because it is too apt to precipitate itself. You can not handle it without gloves, and if it was to slip down into your pocket you would find it necessary to throw it out as quick as possible, for it will eat a hole in the pocket. It will not be long before it will be used in our coast defense to knock vessels into the water, as dynamite is now used to knock them out of water.

Lightning is certainly one of the most striking of the heavenly elements; a little flashy, it is true, but how sublime and inspiring! Watch that bolt issuing from the dark bosom of that cloud; get up on the fence so you can get an unobstructed view of it. Don't take your eyes off it. Observe those beautiful zig-zags; how sharp are they at the angles! Take my spectacles. Ah, let me first wipe the glasses. Keep your eyes on the bolt. See how it gets nearer and nearer to the earth. Isn't it like a fiery vein? Try this spy glass on it; first get it to a focus. Not there. Over to your left more. It is going to light on some tree, no doubt. Ah, there it has settled on the village steeple. It is going to stay there on the vane. No, see, it has begun to slide down the spire and the shingles, etc., get loose and follow after it, but it will soon root its way into the earth and the sexton will put a brick on the hole and keep it in.

When it lightens you should close the windows and doors; if you have your head out the window jawing at your neighbor, step back and put the window down, even if he gets to have the last word. Send each of the family to a different room; it is unlikely that every room in the house will be struck, so some of you will be saved. Don't hang around the kitchen stove where the fire girl is cooking, as lightning might come down the chimney and hit you, or your wife come in the door, with the same effect. Umbrellas attract lightning, so never ask another man to allow you to walk under his in a storm. If you are under a tree and you notice the lightning climbing down it, you had better run. If it takes after you, run as it lives. Observe the distance it is from you and regulate your speed accordingly. If you have any metal about you throw it away—money or anything else. Dodge around the trees with velocity. If it turns to head you off shift your course without delay. Anyway don't let it get any nearer to you, and the result will be that it will get kind of tired out and disgusted and run into the ground. You can then sit down on a log and fan yourself with your hat. Observe these rules, and if you ever get hit you can charge it to me—and collect it.—A. W. Bellair, in Detroit Free Press.

## Exempt From Execution.

Lawyer (to Uncle Rastus, who is in some trouble)—You say the sheriff threatens to sell you out?

Uncle Rastus—Yes, sah; he say de nill business mus' go, de ole 'oman's ewery an' all.

Lawyer—Has your wife got any jewelry, Uncle Rastus?

Uncle Rastus—De only article of ewery apparel wot de ole woman hab got, sah, am a stone bruise on her heel, spee she don't sell dat.—N. Y. Sun.

A German entomologist declares that spiders destroy more insect enemies than do all the insect-eating birds.

The fire-fly and the glow-worm are sun-lights.

Another large cattle shipment will be made from Tucson for Los Angeles, next Saturday or Sunday, about 500 head are being driven from the San Pedro via Davidson's pass from the ranches of Messrs. Achly, Crowley, Meliz and Action. The price, 2 cts., is comparatively low, but the present condition of the ranches necessitates a sweeping reduction of stock in these parts. Another train load is being gathered up for shipment via Benson.—Citizen.

The finest turnouts in the country and the best stock, at Drew & Bamick's, livery stable.

## SCIENCE AND INDUSTRY.

—There are 10,000 women in Cincinnati who earn their living.

—Scientists state that water once contaminated by sewage never becomes purified by natural means.

—It has been discovered in France that the fatty matter of wool may be transformed into a substance, which has been named "ceroid," having the consistency and several properties of wax.—Boston Budget.

—Spectroscopic observations give a different composition for variable stars at different periods, thus indicating that the variability results from the combustion of different substances.

—Flour barrels made from paper pulp have been tested and approved by the chief inspector of the New York produce exchange. They are light, tight, seamless and strong, and the pulp can be made from common marsh weeds and grasses.—Chicago Tribune.

—The Japanese, says Le Genie Civil, have invented a process of making paper with marine algae. This paper is very strong and so transparent that it can be used in the place of glass. It takes colors well and much resembles the ancient stained glass.

—Boston is not one of the great locomotive building centers of the country, but nevertheless a single establishment in this city has orders for forty-six iron horses, which will soon be snorting across Western prairies or through Northern forests.—Boston Transcript.

—According to Prof. Dufour, one of the proofs—a new one—of the roundness of the earth consists in the deformation of images produced on large surfaces of calm water. This may often be witnessed on the Lake of Geneva, and in the case of ships some miles distant at sea.—N. Y. Examiner.

—The dam to be built at Quaker Bridge to supply New York with water will be the greatest reservoir in the world, as it is to hold 40,000,000,000 gallons. It will furnish 109 gallons of water daily to each person in a city of over 3,000,000 inhabitants, and will put back the project of drawing water from Lake Champlain and the Adirondack region for the next forty or fifty years. The dam itself will probably cost \$10,000,000.—N. O. Times-Democrat.

—Schoke states that the electricity which is discharged during a thunder-storm and ice, that is, that the ice is electrified by friction of water. Just before a thunder-storm, water-clouds (cumuli) and ice-clouds (cirri, cirrostrati) appear simultaneously in the sky. The friction of these particles of ice and water is a sufficient cause of the electricity which is generated.—N. Y. Independent.

—If the condensed breath collected on the cool window-panes of a room where a number of persons have been assembled be burned, a small of singed hair will show the presence of organic matter; and, if the condensed breath be allowed to remain on the windows for a few days, it will be found on examination by microscope, that it is alive with animalcules. It is the inhalation of air containing such putrescent matter which causes half the sick headaches which might be avoided by a circulation of fresh air.—Philadelphia Bulletin.

## CHRISTMAS.

Just Received a large assortment of Christmas Toys and Novelties and more to arrive this week, comprising of the following:

Fine China Tea and Coffee Cups and Saucers, decorated.

Fine China Tea Sets,

Mugs and Mush sets.

Fine China Ornaments and Table Glassware.

Decorated and Plain Bedroom Sets. These goods are of the latest style and very low.